DT03 Rec'd PCT/PTO 21 JUL 2004

Form PTO-1390U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV 10-95) TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371	ATTORNEY'S DOCKET NUMBER **0149-044719** U.S. APPLICATION NO. (If known, see 37 CFR 1.5) **10/502112**

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATES CLAIMED
PCT/JP02/07598	**26.07.02 (July 26, 2002)**	**21.01.02 (January 21, 2002)**

TITLE OF INVENTION

PHOTOCATALYTIC COMPOSITE MATERIAL AND METHOD FOR PREPARATION THEREOF

APPLICANT(S) FOR DO/EO/US

Assignee: Sumitomo Titanium Corporation

Shinji SHIMOSAKI, Tadashi OGASAWARA, Munetoshi WATANABE, Kouji ODA, Sadanobu NAGAOKA, Yasuhiro MASAKI and Tadashi YAO

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items And other information:

1. ■ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.

2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.

3. ■ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).

4. ■ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.

5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))

 a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).

 b. ■ has been transmitted by the International Bureau.

 c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).

6. ■ A translation of the International Application into English (35 U.S.C. 371(c)(2)).

7. ■ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))

 a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).

 b. ☐ have been transmitted by the International Bureau.

 c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.

 d. ■ have not been made and will not be made.

8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).

10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. Below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

13. ■ A FIRST preliminary amendment.

 ☐ A SECOND or SUBSEQUENT preliminary amendment.

14. ☐ A substitute specification.

15. ☐ A change of power of attorney and/or address letter.

16. ■ Other items or information:

 a. WO 03/061828 Front Page with Abstract and Search Report (4 pp.)

 b. English Translation of Amendments Under Article 34 (4 pp.)

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U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/502112	INTERNATIONAL APPLICATION NO. PCT/JP02/07598	ATTORNEY'S DOCKET NUMBER 0149-044719

17. ■ The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):

		CALCULATIONS PTO USE ONLY
Search Report has been prepared by the EPO or JPO	$920.00	
International preliminary examination fee paid to USPTO (37 CFR 1.482)	$730.00	
No international preliminary examination fee paid to USPTO (37 CFR 1.482) But international search fee paid to USPTO (37 CFR 1.445(a)(2))	$770.00	
Neither international preliminary examination fee (37 CFR 1.482) nor International search fee (37 CFR 1.445(a)(2)) paid to USPTO	$1080.00	
International preliminary examination fee paid to USPTO (37 CFR 1.482) And all claims satisfied provisions of PCT Article 33(2)-(4)	$100.00	

ENTER APPROPRIATE BASIC FEE AMOUNT =	$ 920.00	
Surcharge of $130.00 for furnishing the oath or declaration later than ☐ 20 ■ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	$ 130.00	

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	36 - 20 =	16	X $18.00	$ 288.00	
Independent claims	2 - 3 =	0	X $86.00	$ 0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ $290.00	$ 0.00	
TOTAL OF ABOVE CALCULATIONS =				$ 1,338.00	
Reduction of 1/2 for filing by small entity, if applicable.				$ 1,338.00	
SUBTOTAL =				$ 1,338.00	
Processing fee of $130.00 for furnishing the English translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +				$ 0.00	
TOTAL NATIONAL FEE =				$ 1,338.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). $40.00 per property +				$ 0.00	
TOTAL FEES ENCLOSED =				$ 1,338.00	
				Amount to be: Refunded	$
				Charged	$

a. ■ A check in the amount of $ 1,338.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. ____ in the amount of $ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ■ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0650. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:
Russell D. Orkin
700 Koppers Building
436 Seventh Avenue
Pittsburgh, Pennsylvania 15219-1818
Telephone: (412) 471-8815
Facsimile: (412) 471-4094

Russell P. Orkin

SIGNATURE
Russell D. Orkini
NAME
25,363
REGISTRATION NUMBER

10/502112
DT03 Rec'd PCT/PTO 21 JUL 2004

PATENT APPLICATION/PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:	ATTORNEY'S DOCKET NUMBER
Shinji SHIMOSAKI et al.	**0149-044719**

PCT/JP02/07598

ENTITLED

"PHOTOCATALYTIC COMPOSITE MATERIAL AND METHOD FOR PREPARATION THEREOF"

To MAIL STOP PCT
Attention: DO/EO/US
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

"Express Mail" Label Number **EL971286725US**

Date of Deposit **July 21, 2004**

I hereby certify that the following attached papers or fees

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 (original and two (2) copies) and check in amount of $1,338.00 for filing fee and surcharge fee for late Declaration
LETTER RECOGNIZING ATTORNEYS (1 p.)
PRELIMINARY AMENDMENT
WO 03/061828 – FRONT PAGE with ABSTRACT and SEARCH REPORT (4 pp.)
ENGLISH TRANSLATION OF PCT/JP02/07598 (36 pp.)
FOUR (4) SHEETS OF DRAWINGS
ENGLISH TRANSLATION OF AMENDMENT UNDER ARTICLE 34 (4 pp.)

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450.

Nora Ann Pastrick
(Typed name of person mailing paper or fee)

Nora Ann Pastrick
(Signature of person mailing paper or fee)

JT12 Rec'd PCT/PTO 21 JUL 2004 10/502112

Application No. Not Yet Assigned
Paper Dated: July 21, 2004
In Reply to USPTO Correspondence of N/A
Attorney Docket No. 0149-044719

Customer No. 28289

#3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	:	Not Yet Assigned
Applicant	:	**Shinji SHIMOSAKI et al.**
Filed	:	Concurrently Herewith
Title	:	**PHOTOCATALYTIC COMPOSITE MATERIAL AND PROCESS FOR ITS MANUFACTURE**
International Application	:	No. PCT/JP02/07598
International Filing Date	:	26 July 2002
Priority Date Claimed	:	21 January 2002

MAIL STOP PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

LETTER RECOGNIZING ATTORNEYS

Sir:

Enclosed are appropriate papers for initiating the national phase of the above-identified PCT application, comprising a specification, claims and drawings. A Preliminary Amendment is also enclosed.

Please accept the application for purposes of granting a filing date and recognize, Russell D. Orkin, Paul M. Reznick and Philip J. Foret Registration Nos. 25,363, 33,059 and 51,689, respectively, as attorneys in this application, pending the filing of a formal Declaration and Power of Attorney.

Kindly direct all communications relating to this application to **Russell D. Orkin.**

Respectfully submitted,

WEBB ZIESENHEIM LOGSDON
ORKIN & HANSON, P.C.

By _____

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